

Title (en)

LEVER OPERATED FLUID DISPENSER WITH ROTARY POTENTIOMETER

Title (de)

HEBELBETÄTIGTER FLUIDSPENDER MIT DREHPOTENTIOMETER

Title (fr)

DISTRIBUTEUR DE FLUIDE ACTIONNÉ PAR LEVIER AVEC POTENTIOMÈTRE ROTATIF

Publication

EP 3167783 A1 20170517 (EN)

Application

EP 16198066 A 20161110

Priority

CA 2911934 A 20151113

Abstract (en)

A dispensing apparatus in which product is dispensed by moving, preferably by manually applied forces from a user, an actuation mechanism, preferably a lever, from a first position to a second position and in which a potentiometer sensor, preferably a rotary potentiometer sensor, senses the relative movement of the actuation mechanism with time and permits the amount of fluid dispensed to be accurately calculated.

IPC 8 full level

A47K 5/12 (2006.01)

CPC (source: EP US)

A47K 5/12 (2013.01 - EP US); **A47K 5/1211** (2013.01 - EP US); **A47K 5/1217** (2013.01 - EP US); **B05B 11/0059** (2013.01 - US); **B05B 11/1009** (2023.01 - US); **B05B 12/008** (2013.01 - US); **G01F 3/00** (2013.01 - US)

Citation (applicant)

- US 8021707 B2 20110920 - HURLEY PATRICK L [US], et al
- US 5489044 A 19960206 - OPHARDT HEINER [CA]
- US 3161850 A 19641215 - KLUG ROBERT F
- US 8074844 B2 20111213 - OPHARDT HEINER [CA], et al
- US 2005171634 A1 20050804 - YORK CHERYL L [US], et al
- US 7748573 B2 20100706 - ANHUF MARTIN [DE], et al
- US 7367477 B2 20080506 - OPHARDT HEINER [CA], et al

Citation (search report)

[A] US 2011108410 A1 20110512 - OPHARDT HEINER [CA]

Cited by

EP4292487A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3167783 A1 20170517; **EP 3167783 B1 20180815**; CA 2911934 A1 20170513; US 10464091 B2 20191105; US 2017136479 A1 20170518

DOCDB simple family (application)

EP 16198066 A 20161110; CA 2911934 A 20151113; US 201615345867 A 20161108